ACTA PATHOLOGICA JAPONICA

VOLUME 25

1975

EDITORIAL BOARD

Editor: Eisei ISHIKAWA

Office: c/o Department of Pathology, Jikei University School of Medicine, Minato-ku, Tokyo

EDITORIAL BOARD

Soichi IIJIMA, *Hiroshima*
Keizo KAGEYAMA, *Tokyo*
Kokichi KIKUCHI, *Sapporo*
Masahisa KYOGOKU, *Kobe*
Tohru MIYAJI, *Osaka*
Wataru MORI, *Tokyo*
Yasuaki NISHIZUKA, *Nagoya*
Seiichi OHASHI, *Tokyo*
Nobuaki SASANO, *Sendai*
Sachimaru SENO, *Okayama*
Haruo SUGANO, *Tokyo*
Norio SUWA *Sendai*
Tadao TAKEUCHI, *Kumamoto*
Tadashi TAKEUCHI, *Tokyo*
Kenzo TANAKA, *Fukuoka*
Hisashi TAUCHI, *Nagoya*
Hideyuki TSUKADA, *Sapporo*
Takeshi YONEZAWA, *Kyoto*

ASSOCIATE EDITORS

Tadashi KAWAI, *Tokyo*
Atsuo MIKATA, *Tokyo*
Yukio SHIMOSATO, *Tokyo*
Shinichiro USHIGOME, *Tokyo*
Kazuyoshi YAMAGUCHI, *Tokyo*

PUBLISHED BY

THE JAPANESE PATHOLOGICAL SOCIETY

Acta Path. Jap.

CONTENTS OF VOLUME 25

No. 1, January, 1975

Jun TAKEUCHI, Kaoru MIURA, Yasuo KATOH and Hirosi USIZIMA: Histological Changes in the Submandibular Glands of Rats After Intraductal Injection of Chemical Carcinogens ..... 1~ 13

Takashi WAKABAYASHI, Masahisa ASANO and Chieko KURONO: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. I. On the Formation Process of Megamitochondria in Cuprizone-Treated Mouse Liver ..... 15~ 37

Takashi WAKABAYASHI, Masahisa ASANO and Chieko KURONO: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. II. Isolation and Some Properties of Megamitochondria from the Cuprizone-Treated Mouse Liver ..... 39~ 49

Takio SHIMAMOTO, Masahiko KOBAYASHI and Fujio NUMANO: Immunofluorescent Demonstration of Plasma Protein Entry into Arterial Wall by Cholesterol, Epinephrine, Norepinephrine and Angiotensin II ..... 51~ 67

Shih-Tse CHEN, Takayoshi TOBE, Yoshinari ISOBE and An-Fu CHIU: Cellular Sites of Immunoglobulins. VI. Localization of Immunoglobulins in the Human Thymus ..... 69~ 73

Nobutatsu TAKAYANAGI: Study on the Variation of Urinary Protein Patterns Referring to the Histopathological Changes in Renal Diseases ..... 75~ 88

Tetsuo KIMOTO, Ayako UEKI and Koji NISHITANI: A Human Malignant Cell Line Established from Ascites of Patient with Embryonal Carcinoma of Ovarium ..... 89~ 98

Tetsuo KIMOTO, Ayako UEKI and Koji NISHITANI: Phagocytosis of Lymphoblastoid Cells and Cell Destruction of Human Malignant Tumor Cells ..... 99~114

Hiroshi KANEKO, Noriaki KOBAYASHI, Masayuki FUKASE, Akira KATANO and Haruto HOJO: Chronic Glomerulonephritis Accompanied by Secondary Hyperoxaluria ..... 115~124

No. 2, March, 1975

Masahisa ASANO, Takashi WAKABAYASHI, Chieko KURONO, and Takayuki OZAWA: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. III. Formation and Some

Biochemical Properties of Megamitochondria Induced by Diethyldithiocarbamate (DDC) ..... 125~134
Toshio TAKEDA, Yasuhiro SUZUKI, and Chee-Soon YAO: Experimental Studies on the Effect of Aging and Endocrine Control on Collagen Formation in Various Organs. ..... 135~151
Kazuo HAMAYA, Hiroyuki HASHIMOTO and Yukio MAEDA: Metastatic Carcinoma in Cirrhotic Liver—Statistical Survey of Autopsies in Japan—. ..... 153~159
Eiichi TAHARA, Shojiro HAIZUKA, Teturo KODAMA, and Akira YAMADA: The Relationship of Gastrointestinal Endocrine Cells to Gastric Epithelial Changes with Special Reference to Gastric Cancer. .... 161~177
Kenji KAWADA: A Transplantable Pulmonary Tumor Line in Mouse Forming Bone and Chondroid Tissue. ..... 179~199
Isao OKAYASU, Noriko OKAYASU, Wataru MORI, Kazuhiro MIYAZAKI, and Sho MATSUBARA: Reticulosarcomatosis Originating from Skin —A Clinicopathological Study— ..... 201~212
Kichihei MIYASAKI, and Hajimu HATANI: Coronary Heart Disease in Familiar Hypercholesterolemia ..... 213~223
Isao OKAYASU, Akira KAJITA, and Tamiko TAKEMURA: Myeloproliferative Disorders with Selective Differentiation Toward Megakaryocytic Cells—A Clinicopathological Study of Three Autopsy Cases— .... 225~239
Yoshiaki NAGAMINE, Kazuhiko SASAI, and Kohsuke SASAKI: Malignant Mesenchymoma of the Heart ..... 241~249

No. 3. May, 1975

Iwao NAKAYAMA, Nobuo TSUDA, Hiroo MUTA, Hideharu FUJII, Kouichi TSUJI, Takeshi MATSUO and Osamu TAKAHARA: Fine Structural Comparison of Ewing's Sarcoma with Neuroblastoma..... 251~268
Fumitomo KOIZUMI, Keniti KOZIMA, Yoshio SHINODA aad Shiro KITAMURA: Experimental Rheumatoid Arthritis-like Features Induced by Prolonged Sensitization with Focal Antigens ..... 269~279
Kuniji KOJIMA: Alcoholic Hyalin-Like Bodies Found in the Pancreatic Acinar Cells and Nerve Cells of the Brain..... 281~293
Naotake MAEDA: Myocardiac Changes in Experimental Renal Failure—A Light and Electron Microscopic Study ..... 295~318
Tadao OHNUKI: Crescentic Glomerulonephritis Induced in the Goat by Immunization with Homologous or Heterologous Glomerular Basement Membrane Antigen ..... 319~331
Toshimitsu SUZUKI, Kiyoko SAITO, and Yoshimi TAKEUCHI: Malignant

Hemangioendothelioma of the Heart with Hematological Disorders.. 333~346
Tamehiro KAKU, Kazuhiko SASAI, Yoshiaki NAGAMINE, and Manabu TAKAHASHI: Retinal Dysplasia — A Report of Two Surgical Cases.. 347~353
Kenichi HARIGAYA, Atsuo MIKATA, Keizo KAGEYAMA, Tohru KAMEYA, and Yukio SHIMOSATO: Histopathological Study of Six Cases of Castleman's Tumor ..... 355~374
Atsushi KIMURA, Eiko KUDO, Yuji HAMAMOTO, Hiroshi HIRAI, and Katsuichi WATANABE: Sympus Monopus Accompanied by Nephroblastoma — A Case Report ..... 375~384

No. 4. July, 1975

Yoichi ISHIDA, Masaru TAMURA, Hiroshi KANDA and Koichi OKAMOTO: Histopathological Studies of the Nervous System Tumors in Rats Induced by N-Nitroso-Methyl-Urea ..... 385~401
Tsuneko SATO and Hisashi TAUCHI: The Formation of Enlarged and Giant Mitochondria in the Aging Process of Human Hepatic Cells .. 403~412
Hisako TANAKA, Masakuni FURUSATO, Satoshi TAKASAKI, Mitsutoshi WATANABE and Yasuhiro HATTORI: Morphological and Biochemical Alteration in the Rat Liver Induced by Maprotiline ..... 413~437
Iwao NAKAYAMA, Takeshi MATSUO, Yukinobu OYAKAWA, Osamu TAKAHARA and Koichi TSUJI: Fine Structural Studies on the Fate of "Castration" Cells in the Rat Adenohypophysis After Bilateral Oophorectomy ..... 439~450
Yoshio HARADA: Induction of Metastasizing Carcinoma in Rats and Their Biological Characteristics ..... 451~461
Tomoyuki SHIRAI, Michihito TAKAHASHI, Shoji FUKUSHIMA, Masae TATEMATSU, Motoo HANANOUCHI, and Nobuyuki ITO: Sequential Morphological Changes of Ulceration in the Glandular Stomach of Rats Induced by Iodoacetamide ..... 463~476
Miki IMAI, Makoto TAKEISHI, Chisato TOYODA und Yoshio KANEDA: Über Die Myokardsarkoidose — Pathologische Untersuchungen an 7 Sektionsfällen unter besonderer Berücksichtigung der histologischen Variationen — ..... 477~497
Masanobu SATOH: Virus-Like Particles in the Follicular Epithelium of the Thyroid from a Patient with Subacute Thyroiditis (De Quervain) .. 499~501
Toshiharu ISHII and Osamu KOIDE: An Autopsy Case of Metastasizing Protuberant Dermatofibrosarcoma ..... 503~515

No. 5. September, 1975

Kazunori NAGAI, Yoshimasa KAMATA, Masamichi KIMURA and Yoichi CHIBA: Light and Electron Microscopic Studies of the Bone Marrow and Blood Cells in Chronic Panmyelosis Including Polycythemia Vera and Primary Thrombocythemia ..... 517~537

Chikao TORIKATA, Toshiaki KAWAI, Kazuhiro YAKUMARU and Keizo KAGEYAMA: Histopathological Studies on the Tumourlet of the Lung, with Special Reference to the Cytogenesis of Proliferating Cells..... 539~553

Chikao TORIKATA, Hiroshi TAKEUCHI, Hisao YAMAGUCHI and Keizo KAGEYAMA: Histopathological Studies on Experimentally Induced Pulmonary Adenomatosis in Guinea-pig Lungs..... 555~563

Fumitada HAZAMA, Shigeru AMANO, Hideyuki HAEBARA and Kozo OKAMOTO: Changes in Vascular Permeability in the Brain of Stroke-prone Spontaneously Hypertensive Rats Studied with Peroxidase as a Tracer ..... 565~574

Tsuyoshi TANGE, Yoshinori URANO and Yasuo ENDO: Giant Mesenteric Lymphoid Tumor (Castleman's Lymphoma) — A Case Report. .. 575~587

Syun HOSODA, Harumi SUZUKI, Hanae KITO, Genzo ISOJIMA and Hiromichi ISHIGAMI: Tumor of Glomus Jugulare — Report of a Case — ..... 589~597

Toshikazu MURAKAMI, Yumiko KONISHI, Masako TAKAMIYA and Hiroshi TSUKAGOSHI: Congenital Muscular Dystrophy Associated with Micropolygyria — Report of Two Cases ..... 599~612

Tokuhiro ISHIHARA, Fumiya UCHINO, Hironobu ADACHI, Mutsuo TAKAHASHI, Seishiro WATANABE, Sadahiko TSUNETOSHI, Tsunehiro FUJI and Yoshihiko IKEE: Glycogenosis Type IV — A Study of Two Cases..... 613~633

Masaoki HARADA and Kazuaki MISUGI: Hypophosphatasia — Study on Two Autopsy Cases ..... 635~647

No. 6. November, 1975

Atsushi HIRATSUKA and Hiroshi SAKAGUCHI: A Process of Lipid-Excretion from Hepatocytes of EGG-Laying Japanese Quails with Particular Reference to Characteristic Intercellular Cystic Space (ICS).. 649~661

Hikaru MATSUMOTO: Ultrastructural Studies of the Meninx ..... 663~679

Peter SEEZ and Wataru MORI: Arteriosclerosis of Intra-Hepatic Arteries ..... 681~690

Haruo MATSUYAMA, Noriyuki KOMATSU and Ryukichi SENDA: Origin of Macrophage in the Telencephalic Wall of the Rat Fetus — An Observation Based on Methylazoxymethanol and Radiation Induced Lesions — ..... 691~706

Jun SOGA, Kenji TAZAWA, Muneaki SANO, Takeo KOHRO, Hisashi MOROOKA, Yoshiro KARAKI and Shuichi TAKAHASHI: Analysis of Carcinoid Granules in Relation to a Recent Concept of Carcinoids as Endocrine Neoplasms of the Primitive Gut System ..... 707~716

Syun HOSODA, Harumi SUZUKI, Hanae KITO, Hiroshi HIAI, Yasusada AKAMINE, Minoru MURAKAMI, Katsuji KOSUKEGAWA, Nobuo KATO, Jiro YURA and Yoji MIYACHI: Argyrophilic Thymic Carcinoid — Clinicopathologic Study of Four Cases — ..... 717~740

Takeo MUKADA and Kunio AIDA: Embryonal Carcinoma (Mixed Germ Cell Tumor) of the Ovary ..... 741~749

Hiroto YAMASHITA, Iwao NAKAYAMA, Takashi ITOGA, Takeshi MATSUO, Yukinobu OYAKAWA, Osamu TAKAHARA, Koichi TSUJI, Masao TOMITA and Kimihiko AYABE: Giant Lymph Node Hyperplasia in Extrathoracic Lymph Nodes — Report of Two Cases with a Review of the Literature ..... 751~764

Toshio TANAKA, Satoshi TANAKA, Tsuneyuki ITANO and Okinobu KAMIMURA: Nodular Sclerosing Type of Hodgkin's Disease in the Mediastinum, with Particular Reference to Its Pathogenesis ..... 765~778

AUTHOR INDEX

ADACHI, H.: See ISHIHARA, T., UCHIHO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETOSHI, S., FUJI, T. and IKEE, Y. (Sept.) 613–633

AIDA, K.: See MUKADA, T. and AIDA, K. (Nov.) 741–749

AKAMINE, Y.: See HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M. and KOSUKEGAWA, K. (Nov.) 717–740

AMANO, S.: See HAZAMA, F., AMANO, S., HAEBARA, H. and OKAMOTO, K. (Sept.) 565–574

ASANO, M.: See WAKABAYASHI, T., ASANO, M. and KURONO, C. (Jan.) 15–37

ASANO, M.: See WAKABAYASHI, T., ASANO, M. and KURONO, C. (Jan.) 39–49

ASANO, M., WAKABAYASHI, T., KURONO, C. and OZAWA, T.: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. III. Formation and Some Biochemical Properties of Megamitochondria Induced by Diethyldithiocarbamate (DDC)—(Mar.) 125–134

CHEN, S.-T., TOBE, T., ISOBE, Y. and CHIU, A.-F.: Cellular Sites of Immunoglobulins. VI. Localization of Immunoglobulins in the Human Thymus—(Jan.) 69–73

CHIBA, Y.: See NAGAI, K., KAMATA, Y., KIMURA, M. and CHIBA, Y. (Sept.) 517–537

CHIU, A.-F.: See CHEN, S.-T., TOBE, T., ISOBE, Y. and CHIU, A.-F. (Jan.) 69–73

ENDO, Y.: See TANGE, T., URANO, Y. and ENDO, Y. (Sept.) 575–587

FUJI, T.: See ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETOSHI, S., FUJI, T. and IKEE, Y. (Sept.) ..613–633

FUJII, H.: See NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O. (May) 251–268

FUKASE, M.: See KANEKO, H., KOBAYASHI, N., FUKASE, M., KATANO, A. and HOJO, H. (Jan.) 115–124

FUKUSHIMA, S.: See SHIRAI, T., TAKAHASHI, M., FUKUSHIMA, S., TATEMATSU, M., HANANOUCHI, M. and ITO, N. (July) 463–476

FURUSATO, M.: See TANAKA, H., FURUSATO, M., TAKASAKI, S., WATANABE, M. and HATTORI, Y. (July) 413–437

HAEBARA, H.: See HAZAMA, F., AMANO, S., HAEBARA, H. and OKAMOTO, K. (Sept.) 565–574

HAIZUKA, S.: See TAHARA, E., HAIZUKA, S., KODAMA, T. and YAMADA, A. (Mar.) 161–177

HAMAMOTO, Y.: See KIMURA, A., KUDO, E., HAMAMOTO, Y., HIRAI, H. and WATANABE, K. (May) ..375–384

HAMAYA, K., HASHIMOTO, H. and MAEDA, Y.: Metastatic Carcinoma in Cirrhotic Liver—Statistical Survey of Autopsies in Japan— (Mar.) 153–159

HANANOUCHI, M.: See SHIRAI, T., TAKAHASHI, M., FUKUSHIMA, S., TATEMATSU, M., HANANOUCHI, M. and ITO, N. (July) 463–476

HARADA, M. and MISUGI, K.: Hypophosphatasia–Study on Two Autopsy Cases–(Sept.) 635–647

HARADA, Y.: Induction of Metastasizing Carcinoma in Rats and Their Biological Characteristics—(July) 451–461

HARIGAYA, K., MIKATA, A., KAGEYAMA, K. KAMEYA, T. and SHIMOSATO, Y.: Histopathological Study of Six Cases of Castleman's Tumor—(May) 355–374

HASHIMOTO, H.: See HAMAYA, K., HASHIMOTO, H. and MAEDA, Y. (Mar.) 153–159

HATANI, H.: See MIYASAKI, K. and HATANI, H. (Mar.) 213–223

HATTORI, Y.: See TANAKA, H., FURU-

SATO, M., TAKASAKI, S., WATANABE, M. and HATTORI, Y. (July) ..413–437
HAZAMA, F., AMANO, S., HAEBARA, H. and OKAMOTO, K.: Changes in Vascular Permeability in the Brain of Stroke-prone Spontaneously Hypertensive Rats Studied with Peroxidase as Tracer—(Sept.) ..565–574
HIAI, H.: See HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M. and KOSUKEGAWA, K. (Nov.) 717–740
HIRAI, H.: See KIMURA, A., KUDO, E., HAMAMOTO, Y., HIRAI, H. and WATANABE, K. (May) 375–384
HIRATSUKA, A. and SAKAGUCHI, H.: A Possible Process of Lipid-Excretion From Hepatocytes of Egg-Laying Japanese Quails with Particular Reference to Characteristic Intercellular Cystic Space (ICS)–(Nov.) 649–661
HOJO, H.: See KANEKO, H., KOBAYASHI, N., FUKASE, M., KATANO, A. and HOJO, H. (Jan.) 115–124
HOSODA, S., SUZUKI, H., KITO, H., ISOJIMA, G. and ISHIGAMI, H.: Tumor of Glomus Jugulare—Report of a Case—(Sept.) 589–597
HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M., and KOSUKEGAWA, K.: The Argyrophilic Thymic Carcinoid —Clinicopathologic Study of Four Cases—(Nov.) 717–740
IKEE, Y.: See ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETOSHI, S., FUJI, T. and IKEE, Y. (Sept.) 613–633
IMAI, M., TAKEISHI, M., TOYODA, C. und KANEDA, Y.: Über Die Myokardsarkoidose – Pathologische Untersuchungen an 7 Sektionsfällen unter besonderer Berucksichtigung der histologischen Variationen–(July) 477–497
ISHIDA, Y., TAMURA, M., KANDA, H. and OKAMOTO, K.: Histopathological Studies of the Nervous System Tumors in Rats Induced by N-Nitroso-Methyl-Urea—(July) ..385–401
ISHIGAMI, H.: See HOSODA, S., SUZUKI, H., KITO, H., ISOJIMA, G. and ISHIGAMI, H. (Sept.)..589–597
ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S. TSUNETOSHI, S., FUJI, T. and IKEE, Y.: Glycogenosis Type IV-A Study of Two Cases—(Sept.) 613–633
ISHII, T. and KOIDE, O.: An Autopsy Case of Metastasizing Protuberant Dermatofibrosarcoma—(July) ..503–515
ISOBE, Y.: See CHEN, S.-T., TOBE, T., ISOBE, Y. and CHIU, A.-F. (Jan.)..69–73
ISOJIMA, G.: See HOSODA, S., SUZUKI, H., KITO, H., ISOJIMA, G. and ISHIGAMI, H. (Sept.) 589–597
ITANO, T.: See TANAKA, T., TANAKA, S., ITANO, T. and KAMIMURA, O. (Nov.) 765–778
ITO, N.: See SHIRAI, T., TAKAHASHI, M., FUKUSHIMA, S., TATEMATSU, M., HANANOUCHI, M. and ITO, N. (July) 463–476
ITOGA, T.: See YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T., OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M. and AYABE, K. (Nov.) 751–764
KAGEYAMA, K.: See HARIGAYA, K., MIKATA, A., KAGEYAMA, K., KAMEYA, T. and SHIMOSATO, Y. (May).. 355–374
KAGEYAMA, K.: See TORIKATA, C., KAWAI, T., YAKUMARU, K. and KAGEYAMA, K. (Sept.) 539–553
KAGEYAMA, K.: See TORIKATA, C., TAKEUCHI, H., YAMAGUCHI, H. and KAGEYAMA, K. (Sept.) 555–563
KAJITA, A.: See OKAYASU, I., KAJITA, A. and TAKEMURA, T. (Mar.) 225–239
KAKU, T., SASAI, K., NAGAMINE, Y. and TAKAHASHI, M.: Retinal Dysplasia—A Report of Two Surgical Cases—(May) 347–353
KAMATA, Y.: See NAGAI, K., KAMATA, Y., KIMURA, M. and CHIBA, Y. (Sept.) 517–537
KAMEYA, T.: See HARIGAYA, K., MIKATA, A., KAGEYAMA, K., KAMEYA, T. and SHIMOSATO, Y. (May) 355–374

KAMIMURA, O.: See TANAKA, T., TANAKA, S., ITANO, T. and KAMIMURA, O. (Nov.) 765–778
KANDA, H.: See ISHIDA, Y., TAMURA, M., KANDA, H. and OKAMOTO, K. (July) 385–401
KANEDA, Y.: See IMAIM M., TAKEISHI, M., TOYODA, C. und KANEDA, Y. (Jul.) 477–497
KANEKO, H., KOBAYASHI, N., FUKASE, M., KATANO, A. and HOJO, H.: Chronic Glomerulonephritis Accompanied by Secondary Hyperoxaluria—(Jan.) 115–124
KARAKI, Y.: See SOGA, J., TAZAWA, K., SANO, M., KOHRO, T., MOROOKA, H., KARAKI, Y. and TAKAHASHI, S. (Nov.) 707–716
KATANO, A.: See KANEKO, H., KOBAYASHI, N., FUKASE, M., KATANO, A. and HOJO, H. (Jan.)..115–124
KATOH, Y.: See TAKEUCHI, J., MIURA, K., KATOH, Y. and USIZIMA, H. (Jan.) 1–13
KAWADA, K.: A Transplantable Pulmonary Tumor Line in Mouse Forming Bone and Chondroid Tissue.—(Mar.) 179–199
KAWAI, T.: See TORIKATA, C., KAWAI, T., YAKUMARU, K. and KAGEYAMA, K. (Sept.) 539–553
KIMOTO, T., UEKI, A. and NISHITANI, K.: A Human Malignant Cell Line Established from Ascites of Patient with Embryonal Carcinoma of Ovarium—(Jan.) 89–98
KIMOTO, T., UEKI, A. and NISHITANI, K.: Phagocytosis of Lymphoblastoid Cells and Cell Destruction of Human Malignant Tumor Cells —(Jan.) 99–114
KIMURA, A., KUDO, E., HAMAMOTO, Y., HIRAI, H. and WATANABE, K.: Sympus Monopus Accompanied by Nephroblastoma – A Case Report —(May) 375–384
KIMURA, M.: See NAGAI, K., KAMATA, Y., KIMURA, M. and CHIBA, Y. (Sept.) 517–537
KITAMURA, S.: See KOIZUMI, F., KOZIMA, K., SHINODA, Y. and KITAMURA, S. (May) 269–279
KITO, H.: See HOSODA, S., SUZUKI, H., KITO, H., ISOJIMA, G. and ISHIGAMI, H. (Sept.) 589–597
KITO, H.: See HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M. and KOSUKEGAWA, K. (Nov.) 717–740
KOBAYASHI, M.: See SHIMAMOTO, T., KOBAYASHI, M. and NUMANO, F. (Jan.) 51–67
KOBAYASHI, N.: See KANEKO, H., KOBAYASHI, N., FUKASE, M., KATANO, A. and HOJO, H. (Jan.) ..115–124
KODAMA, T.: See TAHARA, E., HAIZUKA, S., KODAMA, T. and YAMADA, A. (Mar.) 161–177
KOHRO, T.: See SOGA, J., TAZAWA, K., SANO, M., KOHRO, T., MOROOKA, H., KARAKI, Y. and TAKAHASHI, S. (Nov.) 707–716
KOIDE, O.: See ISHII, T. and KOIDE, O. (July) 503–515
KOIZUMI, F., KOZIMA, K., SHINODA, Y. and KITAMURA, S.: Experimental Rheumatoid Arthritis-like Features Induced by Prolonged Sensitization with Focal Antigens —(May) 269–279
KOJIMA, K.: Alcoholic Hyalin-like Bodies Found in the Pancreatic Acinar Cells and Nerve Cells of the Brain—(May) 281–293
KOMATSU, N.: See MATSUYAMA, H., KOMATSU, N. and SENDA, R. (Nov.) 691–706
KONISHI, Y.: See MURAKAMI, T., KONISHI, Y., TAKAMIYA, M. and TSUKAGOSHI, H. (Sept.) 599–612
KOSUKEGAWA, K.: See HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M. and KOSUKEGAWA, K. (Nov.) 717–740
KOZIMA, K.: See KOIZUMI, F., KOZIMA, K., SHINODA, Y. and KITAMURA, S. (May) 269–279
KUDO, E.: See KIMURA, A., KUDO, E., HAMAMOTO, Y., HIRAI, H. and WATANABE, K. (May) 375–384
KURONO, C.: See WAKABAYASHI, T., ASANO, M. and KURONO, C. (Jan.) 15–37
KURONO, C.: See WAKABAYASHI, T.,

ASANO, M. and KURONO, C. (Jan.) 39–49
KURONO, C.: See ASANO, M., WAKABAYASHI, T., KURONO, C. and OZAWA, T. (Mar.) 125–134
MAEDA, N.: Myocardiac Changes in Experimental Renal Failure—A Light and Electron Microscopic Study—(May) 295–318
MAEDA, Y.: See HAMAYA, K., HASHIMOTO, H. and MAEDA, Y. (Mar.) 153–159
MATSUBARA, S.: See OKAYASU, I., OKAYASU, N., MORI, W., MIYAZAKI, K. and MATSUBARA, S. (Mar.) 201–212
MATSUMOTO, H.: Ultrastructural Studies of the Meninx—(Nov.) 663–679
MATSUO, T.: See NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O. (May) 251–268
MATSUO, T.: See NAKAYAMA, I., MATSUO, T., OYAKAWA, Y., TAKAHARA, O. and TSUJI, T. (July) 439–450
MATSUO, T.: See YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T., OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M. and AYABE, K. (Nov.) 751–764
MATSUYAMA, H., KOMATSU, N, and SENDA, R.: See Origin of Macrophage in the Telencephalic Wall of the Rat Fetus: An Observation Based on Methylazoxymethanol and Radiation Induced Lesions.—(Nov.) 691–706
MIKATA, A.: See HARIGAYA, K., MIKATA, A., KAGEYAMA, K., KAMEYA, T. and SHIMOSATO, Y. (May) 355–374
MISUGI, K.: See HARADA, M. and MISUGI, K. (Sept.) 635–647
MIURA, K.: See TAKEUCHI, J., MIURA, K., KATOH, Y. and USIZIMA, H. (Jan.) 1–13
MIYASAKI, K. and HATANI, H.: Coronary Heart Disease in Familiar Hypercholesterolemia—(Mar.) ..213–223
MIYAZAKI, K.: See OKAYASU, I., OKAYASU, N., MORI. W., MIYAZAKI, K. and MATSUBARA, S. (Mar.) 201–212
MORI, W.: See OKAYASU, I., OKAYASU, N., MORI, W., MIYAZAKI, K. and MATSUBARA, S. (Mar.) 201–212
MORI, W.: See SEEZ, P. and MORI, W. (Nov.) 681–690
MOROOKA, H.: See SOGA, J., TAZAWA, K., SANO, M., KOHRO, T., MOROOKA, H., KARAKI, Y. and TAKAHASHI, S. (Nov.) 707–716
MUKADA, T. and AIDA, K.: Embryonal Carcinoma (Mixed Germ Cell Tumor) of the Ovary—(Nov.) ..741–749
MURAKAMI, M.: See HOSODA, S., SUZUKI, H., KITO, H., HIAI, H., AKAMINE, Y., MURAKAMI, M. and KOSUKEGAWA, K. (Nov.) 717–740
MURAKAMI, T., KONISHI, Y., TAKAMIYA, M. and TSUKAGOSHI, H.: Congenital Muscular Dystrophy Associated with Micropolygyria-Report of Two Cases—(Sept.) 599–612
MUTA, H.: See NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O. (May) 251–268
NAGAI, K., KAMATA, Y., KIMURA, M. and CHIBA, Y.: Light and Electron Microscopic Studies of the Bone Marrow and Blood Cells in Chronic Panmyelosis Including Polycythemia Vera and Primary Thrombocythemia—(Sept.) 517–537
NAGAMINE, Y., SASAI, K. and SASAKI, K.: Malignant Mesenchymoma of the Heart—(Mar.) 241–249
NAGAMINE, Y.: See KAKU, T., SASAI, K., NAGAMINE, Y. and TAKAHASHI, M. (May) 347–353
NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O.: Fine Structural Comparison of Ewing's Sarcoma with Neuroblastoma—(May) ..251–268
NAKAYAMA, I., MATSUO, T., OYAKAWA, Y., TAKAHARA, O. and TSUJI, T.: Fine Structural Studies on the Fate of "Castration" Cells in the Rat Adenohypophysis After Bilateral Oophorectomy–(July)..439–450

NAKAYAMA, I.: See YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T. OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M., and AYABE, K. (Nov.) 751–764
NISHITANI, K.: See KIMOTO, T., UEKI, A. and NISHITANI, K. (Jan.) 88–98
NISHITANI, K.: See KIMOTO, T., UEKI, A. and NISHITANI, K. (Jan.) 99–114
NUMANO, F.: See SHIMAMOTO, T., KOBAYASHI, M. and NUMANO, F. (Jan.) 51–67
OHNUKI, T.: Crescentic Glomerulonephritis Induced in the Goat by Immunization with Homologous or Heterologous Glomerular Basement Membrane Antigen—(May) 319–331
OKAMOTO, K.: See ISHIDA, Y., TAMURA, M., KANDA, H. and OKAMOTO, K. (July) 385–401
OKAMOTO, K.: See HAZAMA, F., AMANO, S., HAEBARA, H. and OKAMOTO, K. (Sept.) 565–574
OKAYASU, I., OKAYASU, N., MORI, W., MIYAZAKI, K. and MATSUBARA, S.: Reticulosarcomatosis Originating from Skin–A Clinicopathological Study— — (Mar.) 201–212
OKAYASU, I., KAJITA, A. and TAKEMURA, T.: Myeloproliferative Disorders with Selective Differentiation Toward Megakaryocytic Cells –A Clinicopathological Study of Three Autopsy Cases— —(Mar.) 225–239
OKAYASU, N.: See OKAYASU, I., OKAYASU, N., MORI, W., MIYAZAKI, K. and MATSUBARA, S. (Mar.) 201–212
OYAKAWA, Y.: See NAKAYAMA, I., MATSUO, T., OYAKAWA, Y., TAKAHARA, O. and TSUJI, T. (July) ..439–450
OYAKAWA, Y.: See YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T., OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M. and AYABE, K. (Nov.) 751–764
OZAWA, T.: See ASANO, M., WAKABAYASHI, T., KURONO, C. and OZAWA, T. (Mar.) 125–134
SAITO, K.: See SUZUKI, T., SAITO, K. and TAKEUCHI, Y. (May)....333–346
SAKAGUCHI, H.: See HIRATSUKA, A. and SAKAGUCHI, H. (Nov.) 649–661
SANO, M.: See SOGA, J., TAZAWA, K., SANO, M., KOHRO, T., MOROOKA, H., KARAKI, Y. and TAKAHASHI, S. (Nov.) 707–716
SASAI, K.: See NAGAMINE, Y. SASAI, K. and SASAKI, K. (Mar.) 241–249
SASAI, K.: See KAKU, T., SASAI, K., NAGAMINE, Y. and TAKAHASHI, M. (May) 347–353
SASAKI, K.: See NAGAMINE, Y., SASAI, K. and SASAKI, K. (Mar.) 241–249
SATO, T. and TAUCHI, H.: The Formation of Enlarged and Giant Mitochondria in the Aging Processs of Human Hepatic Cells — (July) 403–412
SATOH, M.: Virus-Like Particles in the Follicular Epithelium of the Thyroid from a Patient with Subacute Thyroiditis (de Quervain) — (July) 499–501
SEEZ, P. and MORI, W.: Atherosclerosis of Intra-Hepatic Arteries — (Nov.) 681–690
SENDA, R.: See MATSUYAMA, H., KOMATSU, N. and SENDA, R. (Nov.) 691–706
SHIMOSATO, Y.: See HARIGAYA, K., MIKATA, A., KAGEYAMA, K., KAMEYA, T. and SHIMOSATO, Y. (May) 355–374
SHINODA, Y.: See KOIZUMI, F., KOZIMA, K., SHINODA, Y. and KIYAMURA, S. (May) 269–279
SHIMAMOTO, T., KOBAYASHI, M. and NUMANO, F.: Immunofluorescent Demonstration of Plasma Protein Entry into Arterial Wall by Cholesterol, Epinephrine, Norepinephrine and Angiotensin II —(Jan.) 51–67
SHIRAI, T., TAKAHASHI, M., FUKUSHIMA, S., TATEMATSU, M., HANANOUCHI, M. and ITO, N.: Sequential Morphological Changes of Ulceration in the Glandular Stomach of Rats Induced by Iodoacetamide—(July)

.....463–476
Soga, J., Tazawa, K., Sano, M., Kohro, T., Morooka, H., Karaki, Y. and Takahashi, S.: Analysis of Carcinoid Granules in Relation to a Recent Concept of Carcinoids as Endocrine Neoplasms of the Primitive Gut System—(Nov.)..707–716
Suzuki, H.: See Hosoda, S., Suzuki, H., Kito, H., Isojima, G. and Ishigami, H. (Sept.) 589–597
Suzuki, H.: See Hosoda, S., Suzuki, H., Kito, H., Hiai, H., Akamine, Y., Murakami, M. and Kozukegawa, K. (Nov.).....717–740
Suzuki, T., Saito, K. and Takeuchi, Y.: Malignant Hemangioendothelioma of the Heart with Hematological Disorders—(May) 333–346
Suzuki, Y.: See Takeda, T., Suzuki, Y. and Yao. C.-S. (Mar.).....135–151
Tahara, E., Haizuka, S., Kodama, T. and Yamada, A.: The Relationship of Gastrointestinal Endocrine Cells to Gastric Epithelial Changes with Special Reference to Gastric Cancer—(Mar.) 161–177
Takahara, O.: See Nakayama, I., Tsuda, N., Muta, H., Fujii, H., Tsuji, K., Matsuo, T. and Takahara, O. (May) 251–268
Takahara, O.: See Nakayama, I., Matsuo, T., Oyakawa, Y., Takahara, O. and Tsuji, T. (July)..439–450
Takahara, O.: See Yamashita, H., Nakayama, I., Itoga, T., Matsuo, T., Oyakawa, Y., Takahara, O., Tsuji, K., Tomita, M. and Ayabe, K. (Nov.) 751–764
Takahashi, M.: See Kaku, T., Sasai, K., Nagamine, Y. and Takahashi, M. (May) 347–353
Takahashi, M.: See Shirai, T., Takahashi, M., Fukushima, S., Tatematsu, M., Hananouchi, M. and Ito, N. (July) 463–476
Takahashi, M.: See Ishihara, T., Uchino, F., Adachi, H., Takahashi, M., Watanabe, S., Tsunetoshi, S., Fuji, T. and Ikee, Y. (Sept.) 613–633
Takahashi, S.: See Soga, J., Tazawa, K., Sano, M., Kohro, T., Morooka, H., Karaki, Y. and Takahashi, S. (Nov.) 707–716
Takamiya, M.: See Murakami, T., Konishi, Y., Takamiya, M. and Tsukagoshi, H. (Sept.) 599–612
Takasaki, S.: See Tanaka, H., Furusato, M., Takasaki, S., Watanabe, M. and Hattori, Y. (July) 413–437
Takayanagi, N.: Study on the Variation of Urinary Protein Patterns Referring to the Histopathological Changes in Renal Diseases —(Jan.) 75–88
Takeda, T., Suzuki, Y. and Yao, C.-S.: Experimental Studies on the Effect of Aging and Endocrine Control on Collagen Formation in Various Organs.—(Mar.) 135–151
Takeishi, M.: See Imai, M., Takeishi, M., Toyoda, C. und Kaneda, Y. (July) 477–497
Takemura, T.: See Okayasu, I., Kajita, A. and Takemura, T. (Mar.) 225–239
Takeuchi, H.: See Torikata, C., Takeuchi, H., Yamaguchi, H. and Kageyama, K. (Sept.) 555–563
Takeuchi, J., Miura, K., Katoh, Y. and Usizima, H.: Histological Changes in the Submandibular Glands of Rats After Intraductal Injection of Chemical Carcinogens– (Jan.) 1–13
Takeuchi, Y.: See Suzuki, T., Saito, K. and Takeuchi, Y. (May) 333–346
Tamura, M.: See Ishida, Y., Tamura, M., Kand', H. and Okamoto, K. (July) 385–401
Tanaka, H., Furusato, M., Takasaki, S., Watanabe, M. and Hattori, Y.: Morphological and Biochemical Alteration in the Rat Liver Induced by Maprotiline—(July)..413–437
Tanaka, S.: See Tanaka, T., Tanaka, S., Itano, T. and Kami-mura, O. (Nov.) 765–778
Tanaka, T., Tanaka, S., Itano, T. and Kamimura, O.: Nodular Sclerosing Type of Hodgkin's Disease

in Thymus, with Particular Reference to Its Pathogenesis — (Nov.) 765–778
TANGE, T., URANO, Y. and ENDO, Y.: Giant Mesenteric Lymphoid Tumor (Castleman's Lymphoma)— A Case Report.—(Sept.).....575–587
TATEMATSU, M.: See SHIRAI, T., TAKAHASHI, M., FUKUSHIMA, S., TATEMATSU, M., HANANOUCHI, M. and ITO, N. (July) 463–476
TAZAWA, K.: See SOGA, J., TAZAWA, K., SANO, M., KOHRO, T., MOROOKA, H., KARAKI, Y. and TAKAHASHI, S., (Nov.) 707–716
TAUCHI, H.: See SATO, T. and TAUCHI, H. (July) 403–412
TOBE, T.: See CHEN, S.-T., TOBE, T., ISOBE, Y. and CHIU, A.-F. (Jan.) 69–73
TORIKATA, C., KAWAI, T., YAKUMARU, K. and KAGEYAMA, K.: Histopathological Studies on the Tumourlet of the Lung, with Special Reference to the Cytogenesis of Proliferating Cells—(Sept.).....539–553
TORIKATA, C., TAKEUCHI, H., YAMAGUCHI, H. and KAGEYAMA, K.: Histopathological Studies on Experimentally Induced Pulmonary Adenomatosis in Guinea-pig Lungs —(Sept.) 555–563
TOYODA, C.: See IMAI, M., TAKEISHI, M., TOYODA, C. und KANEDA, Y. (July) 477–497
TSUDA, N.: See NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O. (May) 251–268
TSUJI, K.: See NAKAYAMA, I., TSUDA, N., MUTA, H., FUJII, H., TSUJI, K., MATSUO, T. and TAKAHARA, O. (May) 251–268
TSUJI, K.: See YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T., OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M. and AYABE, K. (Nov.) 751–764
TSUJI, T.: See NAKAYAMA, I., MATSUO, T., OYAKAWA, Y., TAKAHARA, O. and TSUJI, T. (July)..439–450
TSUKAGOSHI, H.: See MURAKAMI, T., KONISHI, Y., TAKAMIYA, M. and TSUKAGOSHI, H. (Sept.) 599–612
TSUNETOSHI, S.: See ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETOSHI, S., FUJI, T. and IKEE, Y. (Sept.) 613–633
UCHINO, F.: See ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETOSHI, S., FUJI, T. and IKEE, Y. (Sept.) ..613–633
UEKI, A.: See KIMOTO, T., UEKI, A. A. and NISHITANI, K. (Jan.) 89–98
UEKI, A.: See KIMOTO, T., UEKI, and NISHITANI, K. (Jan.) 99–114
URANO, Y.: See TANGE, T., URANO, Y. and ENDO, Y. (Sept.) 575–587
USIZIMA, H.: See TAKEUCHI, J., MIURA, K., KATOH, Y. and USIZIMA, H. (Jan.) 1–13
WAKABAYASHI, T., ASANO, M. and KURONO, C.: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. II. Isolation and Some Properties of Megamitochondria from the Cuprizone-Treated Mouse Liver— (Jan.) 39–49
WAKABAYASHI, T., ASANO, M. and KURONO, C.: Mechanism of the Formation of Megamitochondria Induced by Copper-Chelating Agents. 1. On the Formation Process of Megamitochondria in Cuprizone-Treated Mouse Liver—(Jan.) ..15–37
WAKABAYASHI, T.: See ASANO, M., WAKABAYASHI, T., KURONO, C. and OZAWA, T. (Mar.) 125–134
WATANABE, K.: See KIMURA, A., KUDO, E., HAMAMOTO, Y., HIRAI, H. and WATANABE, K. (May) ..375–384
WATANABE, M.: See TANAKA, H., FURUSATO, M., TAKASAKI, S., WATANABE, M. and HATTORI, Y. (July) 413–437
WATANABE, S.: See ISHIHARA, T., UCHINO, F., ADACHI, H., TAKAHASHI, M., WATANABE, S., TSUNETHOSI, S., FUJI, T. and IKEE, Y. (Sept.) 613–633
YAMAGUCHI, H.: See TORIKATA, C., TAKEUCHI, H., YAMAGUCHI, H.

and KAGEYAMA, K. (Sept.) 555–563
YAKUMARU, K.: See TORIKATA, C., KAWAI, T., YAKUMARU, K. and KAGEYAMA, K. (Sept.) 539–553
YAMADA, A.: See TAHARA, E., HAIZUKA, S., KODAMA, T. and YAMADA, A. (Mar.) 161–177
YAMASHITA, H., NAKAYAMA, I., ITOGA, T., MATSUO, T., OYAKAWA, Y., TAKAHARA, O., TSUJI, K., TOMITA, M. and AYABE, K.: Giant Lymph-Node Hyperplasia in Extrathoracic Lymph Nodes: Report of Two Cases with a Review of the Literature.—(Nov.) 751–764
YAO, C.-S.: See TAKEDA, T., SUZUKI, Y. and YAO, C.-S. (Mar.) 135–151